

Application Number 10072091

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## Continuity Information for 10/072091

### Parent Data

10072091

Claims Priority from Provisional Application 60266927

### Child Data

No Child Data

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## Inventor Information for 10/072091

Inventor Name	City	State/Country
NORRELL, ANDREW L.	NEVADA CITY	CALIFORNIA
SCHLEY-MAY, JAMES T.	NEVADA CITY	CALIFORNIA

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## Inventor Name Search Result

Your Search was:

Last Name = SCHLEY-MAY

First Name = JAMES

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">09569470</a>	Not Issued	161	05/12/2000	DSL Repeater	SCHLEY-MAY, JAMES
<a href="#">09610788</a>	Not Issued	161	07/06/2000	DSP-based repeater for DSL signals	SCHLEY-MAY, JAMES
<a href="#">09670475</a>	<a href="#">7072385</a>	150	09/26/2000	LOAD COIL AND DSL REPEATER INCLUDING SAME	SCHLEY-MAY, JAMES
<a href="#">09819158</a>	<a href="#">6947529</a>	150	03/27/2001	DSL COMPATIBLE LOAD COIL	SCHLEY-MAY, JAMES
<a href="#">09884659</a>	<a href="#">6977958</a>	150	06/19/2001	DIFFERENTIALLY-DRIVEN LOOP EXTENDER	SCHLEY-MAY, JAMES
<a href="#">60212597</a>	Not Issued	159	06/19/2000	DSL repeater	SCHLEY-MAY, JAMES
<a href="#">60262492</a>	Not Issued	159	01/17/2001	DSL compatible load coil	SCHLEY-MAY, JAMES
<a href="#">60266927</a>	Not Issued	159	02/06/2001	ADSL repeater with communications, control, and diagnostics	SCHLEY-MAY, JAMES
<a href="#">60266953</a>	Not Issued	159	02/06/2001	xDSL repeater with selectable line termination and equalization	SCHLEY-MAY, JAMES
<a href="#">60267241</a>	Not Issued	159	02/06/2001	Line powered ADSL repeater with communications, control, and diagnostics	SCHLEY-MAY, JAMES
<a href="#">60269218</a>	Not Issued	159	02/15/2001	System and method for fault isolation for DSL repeaters	SCHLEY-MAY, JAMES
<a href="#">60336283</a>	Not Issued	159	10/25/2001	Transformer-coupled matching impedance	SCHLEY-MAY, JAMES
<a href="#">09849035</a>	Not Issued	160	05/03/2001	Method and apparatus for implementing automatic number identification system for DAA	SCHLEY-MAY, JAMES T.
<a href="#">10051691</a>	Not Issued	161	01/16/2002	Multi-line HPNA filter and bridge	SCHLEY-MAY, JAMES T.
<a href="#">10071980</a>	Not Issued	71	02/06/2002	Line powered loop extender with communications, control, and diagnostics	SCHLEY-MAY, JAMES T.
<a href="#">10072091</a>	Not Issued	71	02/06/2002	Loop extender with communications, control, and diagnostics	SCHLEY-MAY, JAMES T.

<u>10072833</u>	Not Issued	71	02/06/2002	Loop extender with selectable line termination and equalization	SCHLEY-MAY, JAMES T.
<u>10077308</u>	<u>7061857</u>	150	02/15/2002	SYSTEM AND METHOD FOR FAULT ISOLATION FOR DSL LOOP EXTENDERS	SCHLEY-MAY, JAMES T.
<u>10278927</u>	<u>6792104</u>	150	10/22/2002	TRANSFORMER-COUPLED MATCHING IMPEDANCE	SCHLEY-MAY, JAMES T.
<u>10382171</u>	Not Issued	41	03/04/2003	Various methods and apparatuses for a broadband line interface circuit with line side cancellation	SCHLEY-MAY, JAMES T.
<u>11212161</u>	Not Issued	20	08/25/2005	Various methods and apparatuses for a surge protection scheme	SCHLEY-MAY, JAMES T.
<u>11216769</u>	Not Issued	30	08/30/2005	Multi-band line interface circuit with line side cancellation	SCHLEY-MAY, JAMES T.
<u>11232514</u>	Not Issued	25	09/21/2005	Line drivers with extended linearity	SCHLEY-MAY, JAMES T.
<u>11248704</u>	Not Issued	30	10/11/2005	Various methods and apparatuses for impulse noise mitigation	SCHLEY-MAY, JAMES T.
<u>11475572</u>	Not Issued	19	06/22/2006	Network interface device with a remote power source	SCHLEY-MAY, JAMES T.
<u>60546778</u>	Not Issued	159	02/24/2004	Quadratic residue diffusor with honeycomb structure	SCHLEY-MAY, JAMES T.
<u>60618001</u>	Not Issued	159	10/11/2004	Various methods and apparatuses for impulse noise mitigation	SCHLEY-MAY, JAMES T.
<u>60624327</u>	Not Issued	159	11/03/2004	Method for generating sum and difference signals in a balanced audio receiver	SCHLEY-MAY, JAMES T.
<u>60694114</u>	Not Issued	159	06/23/2005	Network interface device with a remote power source	SCHLEY-MAY, JAMES T.
<u>60734008</u>	Not Issued	20	11/04/2005	Various methods and apparatuses for fault monitoring and a battery backup system for a network interface device	SCHLEY-MAY, JAMES T.
<u>60793090</u>	Not Issued	20	04/18/2006	Network interface device	SCHLEY-MAY, JAMES T.
<u>07318730</u>	<u>4926464</u>	150	03/03/1989	TELEPHONE COMMUNICATION APPARATUS AND METHOD HAVING AUTOMATIC SELECTION OF RECEIVING MODE	SCHLEY-MAY, JAMES T.
<u>08529867</u>	<u>5712977</u>	150	09/18/1995	METHOD AND APPARATUS FOR INITIAL COUNTRY SELECTION IN A UNIVERSAL MODEM WITH CABLE	SCHLEY-MAY, JAMES T.
<u>08855090</u>	<u>5859557</u>	150	05/13/1997	METHOD AND APPARATUS FOR IMPLEMENTING DC MODE SELECTION IN A DATA ACCESS ARRANGEMENT	SCHLEY-MAY, JAMES T.

<u>08872376</u>	<u>5901210</u>	150	06/10/1997	METHOD AND APPARATUS FOR IMPLEMENTING AUTOMATIC NUMBER IDENTIFICATION SYSTEM FOR DAA	SCHLEY-MAY, JAMES T.
<u>09306697</u>	<u>6169792</u>	150	05/06/1999	METHOD AND APPARATUS FOR IMPLEMENTING AUTOMATIC NUMBER IDENTIFICATION SYSTEM FOR DAA	SCHLEY-MAY, JAMES T.

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## Inventor Name Search Result

Your Search was:

Last Name = NORRELL

First Name = ANDREW

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">60213820</a>	Not Issued	159	06/23/2000	System and method for detecting packet arrival time	NORRELL, ANDREW L.
<a href="#">60262492</a>	Not Issued	159	01/17/2001	DSL compatible load coil	NORRELL, ANDREW L.
<a href="#">60269218</a>	Not Issued	159	02/15/2001	System and method for fault isolation for DSL repeaters	NORRELL, ANDREW L.
<a href="#">60618001</a>	Not Issued	159	10/11/2004	Various methods and apparatuses for impulse noise mitigation	NORRELL, ANDREW L.
<a href="#">08037075</a>	<a href="#">5646983</a>	150	03/25/1993	HOST COMPUTER DIGITAL SIGNAL PROCESSING SYSTEM FOR COMMUNICATING OVER VOICE-GRADE TELEPHONE CHANNELS	NORRELL, ANDREW L.
<a href="#">08193730</a>	<a href="#">5579305</a>	150	02/09/1994	ASYMMETRIC DUPLEX MODEM UTILIZING NARROW BAND ECHO CANCELLATION	NORRELL, ANDREW L.
<a href="#">08257735</a>	Not Issued	166	06/09/1994	MODEM INPUT/OUTPUT SIGNAL PROCESSING TECHNIQUES	NORRELL, ANDREW L.
<a href="#">08466079</a>	<a href="#">5724413</a>	150	06/06/1995	HOST COMPUTER DIGITAL SIGNAL PROCESSING SYSTEM FOR COMMUNICATING OVER VOICE-GRADE TELEPHONE CHANNELS	NORRELL, ANDREW L.
<a href="#">08472918</a>	<a href="#">5793821</a>	150	06/07/1995	TIMING RECOVERY USING GROUP DELAY COMPENSATION	NORRELL, ANDREW L.
<a href="#">08557898</a>	<a href="#">5528595</a>	150	11/14/1995	MODEM INPUT/OUTPUT SIGNAL PROCESSING TECHNIQUES	NORRELL, ANDREW L.
<a href="#">08656812</a>	Not Issued	161	06/03/1996	MODEM INPUT/OUTPUT SIGNAL PROCESSING TECHNIQUES	NORRELL, ANDREW L.
<a href="#">08712927</a>	<a href="#">5705949</a>	150	09/13/1996	COMPENSATION METHOD FOR I/Q CHANNEL IMBALANCE ERRORS	NORRELL, ANDREW L.
<a href="#">08713134</a>	<a href="#">5892757</a>	150	09/16/1996	ASYMMETRIC DUPLEX MODEM UTILIZING NARROW BAND ECHO CANCELLATION	NORRELL, ANDREW L.
<a href="#">08729494</a>	Not	169	10/11/1996	HIGH SPEED DECODER/MODEM	NORRELL, ANDREW



	Issued			WITH ECHO CANCELLATION	L.
<u>08871220</u>	<u>5999109</u>	150	06/09/1997	FRAME-BASED SPECTRAL SHAPING METHOD AND APPARATUS	NORRELL, ANDREW L.
<u>08920543</u>	<u>5912888</u>	150	08/27/1997	DIGITAL NETWORK ACCESS SERVER	NORRELL, ANDREW L.
<u>08924596</u>	<u>6094422</u>	150	09/04/1997	ECHO CANCELLER TOUCH-UP PERIOD IN AN ECHO-CANCELLING MODEM	NORRELL, ANDREW L.
<u>08944461</u>	<u>6084883</u>	150	10/06/1997	EFFICIENT DATA TRANSMISSION OVER DIGITAL TELEPHONE NETWORKS USING MULTIPLE MODULUS CONVERSION	NORRELL, ANDREW L.
<u>08944462</u>	<u>6115395</u>	150	10/06/1997	METHOD OF DETECTING NETWORK IMPAIRMENTS FOR HIGH SPEED DATA COMMUNICATION OVER CONVENTIONAL SUBSCRIBER LINES	NORRELL, ANDREW L.
<u>08946542</u>	Not Issued	161	10/07/1997	COMBINED XDSL AND PSTN MODEMS IN A SINGLE PLATORM	NORRELL, ANDREW L.
<u>08948833</u>	<u>5872836</u>	150	10/10/1997	HOST COMPUTER DIGITAL SIGNAL PROCESSING SYSTEM FOR COMMUNICATING OVER VOICE-GRADE TELEPHONE CHANNELS	NORRELL, ANDREW L.
<u>08962204</u>	<u>6285709</u>	150	10/31/1997	ERROR FILTERING IN A HYBRID EQUALIZER SYSTEM	NORRELL, ANDREW L.
<u>08980027</u>	<u>6111920</u>	150	11/26/1997	METHOD AND SYSTEM FOR TIMING RECOVERY IN A BAUD-RATE SAMPLED DATA STREAM	NORRELL, ANDREW L.
<u>09085648</u>	Not Issued	161	05/27/1998	COMBINED XDSL AND PSTN MODEMS IN A SINGLE PLATFORM	NORRELL, ANDREW L.
<u>09246738</u>	<u>6097794</u>	150	02/08/1999	HOST COMPUTER DIGITAL SIGNAL PROCESSING SYSTEM FOR COMMUNICATING OVER VOICE-GRADE TELEPHONE CHANNELS	NORRELL, ANDREW L.
<u>09322887</u>	<u>6853637</u>	150	05/29/1999	CONVERGED HOME GATEWAY	NORRELL, ANDREW L.
<u>09322888</u>	<u>6690666</u>	150	05/29/1999	PACKET MODULATION FOR DSL	NORRELL, ANDREW L.
<u>09332583</u>	<u>6636519</u>	150	06/14/1999	NETWORK ACCESS METHOD AND NETWORK ACCESS SERVER THEREFOR	NORRELL, ANDREW L.

<a href="#">09457433</a>	<a href="#">6255967</a>	150	12/07/1999	FRAME-BASED SPECTRAL SHAPING METHOD AND APPARATUS	NORRELL, ANDREW L.
<a href="#">09609096</a>	<a href="#">6693997</a>	150	06/30/2000	HOST COMPUTER DIGITAL SIGNAL PROCESSING SYSTEM FOR COMMUNICATING OVER VOICE-GRADE TELEPHONE CHANNELS	NORRELL, ANDREW L.
<a href="#">09670475</a>	<a href="#">7072385</a>	150	09/26/2000	LOAD COIL AND DSL REPEATER INCLUDING SAME	NORRELL, ANDREW L.
<a href="#">60031072</a>	Not Issued	159	11/15/1996	METHOD AND APPARATUS FOR ADAPTIVELY EQUALIZING A SIGNAL RECEIVED FROM A REMOTE TRANSMITTER	NORRELL, ANDREW L.

Inventor Search Completed: No Records to Display.

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## Inventor Name Search Result

Your Search was:

Last Name = NORRELL

First Name = ANDREW

Application#	Patent#	Status	Date Filed	Title	Inventor Name
<a href="#">09085411</a>	6373889	150	05/27/1998	IN-BAND SIGNAL AND DETECTOR FOR PCM MODEM EXCEPTION PROCESSING	NORRELL, ANDREW
<a href="#">09810331</a>	Not Issued	161	03/16/2001	Method and apparatus for providing echo cancellation for uneven sampled channels in a full duplex communication system	NORRELL, ANDREW
<a href="#">10123635</a>	Not Issued	161	04/16/2002	In-band signal and detector for PCM modem exception processing	NORRELL, ANDREW
<a href="#">60190269</a>	Not Issued	159	03/17/2000	Efficient hardware implementation for signal reconstruction over multiple analog-to-digital, digital-to-analog conversion in a telecommunication system	NORRELL, ANDREW
<a href="#">60190452</a>	Not Issued	159	03/17/2000	METHOD AND APPARATUS FOR PROVIDING ECHO CANCELLATION FOR UNEVEN SAMPLED CHANNELS IN A FULL DUPLEX COMMUNICATION SYSTEM	NORRELL, ANDREW
<a href="#">60221480</a>	Not Issued	159	07/27/2000	Efficient demodulation/low pass filter structure	NORRELL, ANDREW
<a href="#">60223073</a>	Not Issued	159	08/04/2000	Extended bandwidth HPNA system compatible with HPNA 2.0	NORRELL, ANDREW
<a href="#">60257275</a>	Not Issued	159	12/21/2000	Dual-line ADSL modem	NORRELL, ANDREW
<a href="#">60266927</a>	Not Issued	159	02/06/2001	ADSL repeater with communications, control, and diagnostics	NORRELL, ANDREW
<a href="#">60266953</a>	Not Issued	159	02/06/2001	xDSL repeater with selectable line termination and equalization	NORRELL, ANDREW
<a href="#">60267241</a>	Not Issued	159	02/06/2001	Line powered ADSL repeater with communications, control, and diagnostics	NORRELL, ANDREW
<a href="#">60364488</a>	Not Issued	159	03/15/2002	Flexible fractionally spaced equalizer apparatus	NORRELL, ANDREW
<a href="#">60364526</a>	Not	159	03/15/2002	Timing frequency offset estimation	NORRELL, ANDREW

	Issued			technique for packet data systems operating over intersymbol interference channels	
<u>60364527</u>	Not Issued	159	03/15/2002	Power protocol for increasing throughput on home phone networks	NORRELL, ANDREW
<u>60364798</u>	Not Issued	159	03/15/2002	Dual symbol rate fast equalizer training scheme for HPNA	NORRELL, ANDREW
<u>60694114</u>	Not Issued	159	06/23/2005	Network interface device with a remote power source	NORRELL, ANDREW
<u>60179547</u>	Not Issued	159	02/01/2000	System and method for increasing intra-packet transmission speed	NORRELL, ANDREW L
<u>60182726</u>	Not Issued	159	02/15/2000	Interleaved Block Error Correction For Packet-Based Digital Communications	NORRELL, ANDREW L
<u>60184225</u>	Not Issued	159	02/23/2000	Multi-line adsl modulation	NORRELL, ANDREW L
<u>08970836</u>	<u>6034993</u>	150	11/14/1997	METHOD AND APPARATUS FOR ADAPTIVELY EQUALIZING A SIGNAL RECEIVED FROM A REMOTE TRANSMITTER	NORRELL, ANDREW L
<u>09286851</u>	Not Issued	168	04/06/1999	HIGH SPEED DECODER FOR ANALOG SUBSCRIBER CONNECTIONS WITH ECHO CANCELLATION	NORRELL, ANDREW L
<u>09527783</u>	Not Issued	161	03/17/2000	Method and apparatus for increased data speeds using synchronization and digital signal processing equalization techniques	NORRELL, ANDREW L.
<u>09569470</u>	Not Issued	161	05/12/2000	DSL Repeater	NORRELL, ANDREW L.
<u>09610788</u>	Not Issued	161	07/06/2000	DSP-based repeater for DSL signals	NORRELL, ANDREW L.
<u>09627217</u>	<u>6529549</u>	150	07/27/2000	SYSTEM AND METHOD FOR AN EQUALIZER-BASED SYMBOL TIMING LOOP	NORRELL, ANDREW L.
<u>09704236</u>	<u>6965636</u>	150	10/30/2000	SYSTEM AND METHOD FOR BLOCK ERROR CORRECTION IN PACKET-BASED DIGITAL COMMUNICATIONS	NORRELL, ANDREW L.
<u>09765818</u>	Not Issued	161	01/19/2001	Combined transmit pulse-shaping and amateur- band-reject filter and transmitter utilizing same	NORRELL, ANDREW L.
<u>09774468</u>	Not Issued	161	01/30/2001	System and method for increasing intra-packet transmission speed	NORRELL, ANDREW L.
<u>09775165</u>	Not Issued	161	01/31/2001	Transceiver for packet-based digital communications	NORRELL, ANDREW L.
<u>09784511</u>	Not	161	02/14/2001	Interleaved block error correction for	NORRELL, ANDREW

	Issued			packet-based digital communications	L.
<u>09791970</u>	<u>6507608</u>	150	02/22/2001	MULTI-LINE ADSL MODULATION	NORRELL, ANDREW L.
<u>09812671</u>	Not Issued	160	03/20/2001	High speed decoder for analog subscriber connection with echo cancellation	NORRELL, ANDREW L.
<u>09819158</u>	<u>6947529</u>	150	03/27/2001	DSL COMPATIBLE LOAD COIL	NORRELL, ANDREW L.
<u>09884659</u>	<u>6977958</u>	150	06/19/2001	DIFFERENTIALLY-DRIVEN LOOP EXTENDER	NORRELL, ANDREW L.
<u>09887283</u>	<u>6874096</u>	150	06/21/2001	APPARATUS AND METHOD FOR DETECTING PACKET ARRIVAL TIME	NORRELL, ANDREW L.
<u>09916931</u>	<u>6542028</u>	150	07/27/2001	SYSTEM AND METHOD FOR EFFICIENT DEMODULATION AND FILTERING OF A RECEIVED SIGNAL	NORRELL, ANDREW L.
<u>09922385</u>	<u>7068649</u>	150	08/03/2001	EXTENDED BANDWIDTH HOMEPNA SYSTEM COMPATIBLE WITH HOMEPNA 2.0	NORRELL, ANDREW L.
<u>10027481</u>	<u>7023910</u>	150	12/19/2001	DUAL-LINE DSL SYSTEM AND METHOD	NORRELL, ANDREW L.
<u>10071980</u>	Not Issued	71	02/06/2002	Line powered loop extender with communications, control, and diagnostics	NORRELL, ANDREW L.
<u>10072091</u>	Not Issued	71	02/06/2002	Loop extender with communications, control, and diagnostics	NORRELL, ANDREW L.
<u>10072833</u>	Not Issued	71	02/06/2002	Loop extender with selectable line termination and equalization	NORRELL, ANDREW L.
<u>10077308</u>	<u>7061857</u>	150	02/15/2002	SYSTEM AND METHOD FOR FAULT ISOLATION FOR DSL LOOP EXTENDERS	NORRELL, ANDREW L.
<u>10715589</u>	Not Issued	30	11/18/2003	Host computer digital signal processing system for communicating over voice-grade telephone channels	NORRELL, ANDREW L.
<u>10847596</u>	Not Issued	30	05/17/2004	Converged home gateway	NORRELL, ANDREW L.
<u>11248704</u>	Not Issued	30	10/11/2005	Various methods and apparatuses for impulse noise mitigation	NORRELL, ANDREW L.
<u>11260546</u>	Not Issued	30	10/26/2005	Wireless remote control device and method	NORRELL, ANDREW L.
<u>60177365</u>	Not Issued	159	01/20/2000	COMBINED TRANSMIT PULSE-SHAPING AND AMATEUR-BAND-REJECT FILTER AND TRANSMITTER UTILIZING SAME	NORRELL, ANDREW L.

<a href="#">60179520</a>	Not Issued	159	02/01/2000	Transceiver for packet-based digital communications	NORRELL, ANDREW L.
<a href="#">60179588</a>	Not Issued	159	02/01/2000	Block error correction for packet-based digital communications	NORRELL, ANDREW L.
<a href="#">60212597</a>	Not Issued	159	06/19/2000	DSL repeater	NORRELL, ANDREW L.

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## Correspondence Address for 10/072091

Customer Number	Contact Information	Address
No Customer #	Telephone: No Telephone # Fax: No Fax # E-Mail: No E-Mail Address	Jim H. Salter Blakely, Sokoloff, Taylor and Zafman LLP 1279 Oakmead Parkway Sunnyvale CA 94085

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6977958, Differentially-driven **loop extender** Systems and methods are disclosed for improving **DSL** performance, including **ADSL** and **VDSL** performance, ...  
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...asymmetric digital subscriber loop (**ADSL**). The invention thus relates to **ADSL** of the type that can be termed...be made that DSL (including **ADSL**, "2B+D", and other flavors of...comprising a digital subscriber **loop extender** circuit including: a variable...  
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...be made that DSL (including **ADSL**, "2B+D", and other flavors...comprising a digital subscriber **loop extender** circuit including: a variable...processing flow in a DMT-based **ADSL** transmission unit ("ATU") that...and involves increasing the **sampling** rate by insertion of additional...via a 2w-to-4w converter. An **ADSL** repeater 200 is coupled to...  
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IEEE JNL IEEE Journal or Magazine

IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IEE CNF IEE Conference Proceeding

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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

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